MACHINE SPECIFICATIONS

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MODEL M1001
SHOP FOX® 6" X 26" VERTICAL MILL

Product Dimensions

Weight..... 900 lbs.
Width (side-to-side) x Depth (front-to-back) x Height..... 45-1/2 x 41 x 66-5/8 in.
Footprint (Length x Width)..... 27-1/2 x 21 in.

Shipping Dimensions

Type..... Wood Crate
Content..... Machine
Weight..... 936 lbs.
Length x Width x Height..... 37 x 41 x 75 in.

Electrical

Power Requirement..... 110V or 220V, Single-Phase, 60 Hz
Prewired Voltage..... 110V
Full-Load Current Rating..... 16A at 110V, 8A at 220V
Minimum Circuit Size..... 20A at 110V, 15A at 220V
Connection Type..... Cord & Plug
Power Cord Included..... Yes
Power Cord Length..... 6 ft.
Power Cord Gauge..... 14 AWG
Plug Included..... Yes
Included Plug Type..... 5-15 for 110V
Recommended Plug Type..... 6-15 for 220V
Switch Type..... ON/OFF Switch

Motors

Main

Type..... TEFC Capacitor-Start Induction
Horsepower..... 1.5 HP
Phase..... Single-Phase
Amps..... 16A/8A
Speed..... 1725 RPM
Power Transfer ..... V-Belt Drive
Bearings..... Shielded & Permanently Lubricated

Main Specifications

Operation Info

Spindle Travel	3 in.
Max Distance Spindle to Column	5-1/2 in.
Max Distance Spindle to Table	11-7/8 in.
Longitudinal Table Travel (X-Axis)	14-1/4 in.
Cross Table Travel (Y-Axis)	6 in.
Vertical Table Travel (Z-Axis)	14 in.
Vertical Head Travel (Z-Axis)	2-1/2 in.
Ram Travel	12 in.
Turret or Column Swivel (Left /Right)	360 deg.
Head Tilt (Left/Right)	90 deg.
Head Tilt (Front/Back)	45 deg.
Drilling Capacity for Cast Iron	1 in.
Drilling Capacity for Steel	3/4 in.
End Milling Capacity	3/4 in.
Face Milling Capacity	3 in.

Table Info

Table Length	26 in.
Table Width	6-1/8 in.
Table Thickness	1-3/4 in.
Number of T-Slots	3
T-Slot Size	0.56 in.
T-Slots Centers	1-9/16 in.
Number of Longitudinal Feeds	Variable
X-Axis Table Power Feed Rate	0 – 11.67 FPM
X/Y-Axis Travel per Handwheel Revolution	0.125 in.
Z-Axis Travel per Handwheel Revolution	0.062 in.

Spindle Info

Spindle Taper	R-8
Number of Vertical Spindle Speeds	9
Range of Vertical Spindle Speeds	240 – 2760 RPM
Quill Diameter	2.950 in.
Drawbar Thread Size	7/16-20
Drawbar Length	12-1/4 in.
Spindle Bearings	Tapered Roller Bearings

Construction

Spindle Housing/Quill	Cast Iron
Table	Surface-Ground Cast Iron
Head	Cast Iron
Column/Base	Cast Iron
Base	Cast Iron
Stand	Steel
Paint Type/Finish	Enamel

Other

Recommended Mobile Base	D2058A

Other

Country of Origin ..... China
Warranty ..... 2 Years
Approximate Assembly & Setup Time ..... 1 Hour
ISO 9001 Factory ..... No
CSA, ETL, or UL Certified/Listed ..... No

Features

Milling Head Micro-Feed
Built-In Work Light
Class 7 Spindle Bearings
Head Tilts to 45 Deg. Both Ways.
Single-Shot Lubrication System
High-Precision Ground Vertical and Cross Ways

Accessories

Drawbar
Tool Box
3 In. Shell Mill with Arbor
Hex Wrench Set, 3-6mm
Open End Wrenches
Screwdrivers